IN THE CLAIMS

1. (currently amended): A power steering device for a boat equipped with an outboard motor arranged at a rear of a boat body so as to be horizontally swingable, comprising:

a link mechanism for swinging an outboard motor main body at the rear of the boat body;

a gear device operated by a steering wheel;

a connection mechanism for transmitting an output of the gear device to the link mechanism;

a torque detecting device for detecting a steering torque input to the gear device from the steering wheel;

a gear drive device for assist-driving the gear device in a steering direction according to at least a detection signal of the torque detecting device; and

a control device adapted to take in the detection signal of the torque sensor and to perform computation on the detection signal to drive the gear drive device, and wherein,

the control device controls the gear drive device based on a second assist value which comprises a sum of a differential value of the output signal of the torque detecting device and a first principal assist current value which is provided based on the detection signal of the torque detecting device.

2. (original): A power steering device for a boat according to claim 1, wherein the gear device, the torque detecting device, and the gear drive device are integrally connected and assembled.

3. (original): A power steering device for a boat according to claim 1, wherein the gear drive device is connected to the gear device through a clutch device.

4. (canceled)